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C2M1/0607

FRANK J CATALANO  
CATALANO ZINGERMAN & MCKAY  
810 SOUTH CINCINNATI SUITE 200  
TULSA OK 74119

**NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE**

- ☐ Note attached communication from the Examiner  
☐ This notice is issued in view of applicant's communication filed

| SERIES CODE/SERIAL NO. | FILING DATE      | TOTAL CLAIMS | EXAMINER AND GROUP ART UNIT | DATE MAILED   |
|------------------------|------------------|--------------|-----------------------------|---------------|
| 09/036,000             | 11/09/94         | 007          | HANSEN, K                   | 3209 06/07/96 |
| First Named Applicant  | ELLIS, JOHNNY P. |              |                             |               |

TITLE OF INVENTION  
DYNAMIC INFED CONTROL WITH WORKPIECE OSCILLATION FOR SEGMENTING SWARF  
IN A LATHE APPLICATION (AS AMENDED)

| ATTY'S DOCKET NO. | CLASS-SUBCLASS | BATCH NO. | APPLN. TYPE | SMALL ENTITY | FEE DUE  | DATE DUE |
|-------------------|----------------|-----------|-------------|--------------|----------|----------|
| 0 0904.040        | 092-112.000    | A75       | UTILITY     | YES          | \$625.00 | 09/09/96 |

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY Status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
- B. If the Status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

III. All communications regarding this application must give series code (or filing date), serial number and batch number. Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**



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| SERIAL NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO. |
|---------------|-------------|-----------------------|---------------------|
| 08/336,335    | 11/09/94    | ELLIS J               | 0984.94C            |

C2M1/0607

HANSEN, K EXAMINER

FRANK J CATALANO  
CATALANO ZINGERMANN & MCKAY  
810 SOUTH CINCINNATI SUITE 200  
TULSA OK 74119

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 3209     |              |

06/07/96

DATE MAILED:

NOTICE OF ALLOWABILITY

PART I.

- ☒ This communication is responsive to AMEND. & INT. SUM. OF 6/4/96
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 1-5, 7, & 8
- ☐ The drawings filed on \_\_\_\_\_ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.
- ☒ Note the attached Examiner's Amendment.
- ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
- ☒ Note the attached Examiner's Statement of Reasons for Allowance.
- ☐ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 2. CORRECTION IS REQUIRED.
  - ☐ The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED.
  - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- ☒ Examiner's Amendment
- ☒ Examiner Interview Summary Record, PTOL-413
- ☒ Reasons for Allowance
- ☐ Notice of References Cited, PTO-892
- ☐ Information Disclosure Citation, PTO-1449

- ☐ Notice of Informal Application, PTO-152
- ☐ Notice re Patent Drawings, PTO-948
- ☐ Listing of Bonded Draftsmen
- ☐ Other

Serial Number: 08/335

Art Unit: 3209

***Examiner's Amendment and Reasons for Allowance***

AMENDMENT:

An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

THE TITLE:

The title has been changed to read as follows: --DYNAMIC INFEEED CONTROL WITH WORKPIECE OSCILLATION TO SEGMENT SWARF IN A LATHE APPLICATION--

ALLOWABLE SUBJECT MATTER:

The following is an Examiner's statement of reasons for the indication of allowable subject matter:

Claim 1 now recites the subject matter of claim 6, objected to and indicated allowable in the Advisory Action of May 15, 1996. The present invention including a computer means causing the lathing means to describe a spiral path from an edge to a center of a workpiece resulting from superimposition of workpiece oscillation and nominal infeed is not taught or fairly suggested in the prior art.

Serial Number: 08/335

Art Unit: 3209

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth J. Hansen whose telephone number is (703) 308-2477. Inquiries of a general nature regarding the status of this application should be directed to the Group receptionist at (703) 308-1148.

*KJH*

KJH

June 6, 1996

*M. Rachuba*  
M. RACHUBA  
SUPERVISORY PATENT EXAMINER  
GROUP 3200

*6/6/96*